IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1.   (Original)   A method for data recovery in a continuous data protection system, the system having a primary volume and a secondary volume, the method comprising the steps of:

(a)   selecting a snapshot of the primary volume to be recovered;

(b)   selecting a location on which the snapshot is to be loaded;

(c)   creating a point in time (PIT) map for the selected snapshot; and

(d)   loading the selected snapshot at the selected location.

2.   (Original)   The method according to claim 1, wherein step (a) includes selecting a scheduled snapshot.

3.   (Original)   The method according to claim 1, wherein step (a) includes selecting an any point in time (APIT) snapshot.

4.   (Original)   The method according to claim 3, further comprising the step of creating a delta map spanning the time between the time of the selected APIT snapshot and a time of a second delta map, the second delta map immediately

preceding the selected APIT snapshot, the creating step being performed prior to step (c).

5.   (Original)   The method according to claim 4, wherein the created delta map includes changes made between the time of the selected APIT snapshot and the time of the second delta map.

6.   (Original)   The method according to claim 1, wherein step (b) includes selecting a logical unit on which the snapshot is to be loaded.

7.   (Original)   The method according to claim 1, wherein step (c) includes merging the created delta map with all delta maps earlier than the second delta map.

8.   (Original)   The method according to claim 7, wherein the merging step is optimized by using pre-merged delta maps.

9.   (Original)   The method according to claim 1, further comprising the step of:

(e)   resolving a data block from the PIT map to determine which block on the secondary volume is presented as being part of the snapshot.

10.   (Original)   The method according to claim 9, further comprising the step of:

(f)   accessing the snapshot via a host computer as if the snapshot was the primary volume at an earlier point in time, corresponding to the time of the selected snapshot.

11.   (Original)   The method according to claim 1, further comprising the step of:

controlling access to the loaded snapshot, wherein only authorized host computers can access the loaded snapshot.

12.   (Currently amended)   A system for data recovery in a continuous data protection system, comprising:

a host computer;

a primary data volume;

a secondary data volume; <u>and</u>

<u>a data protection system, configured to:</u>

~~creating means for creating~~ create a snapshot of said primary data volume;

~~storing means for storing~~ store said snapshot on said secondary data volume;

~~selecting means for selecting~~ select a snapshot on said secondary data volume; [[and]]

select a logical unit for loading said selected snapshot; and

~~accessing means for accessing~~ access said selected snapshot on the selected logical unit via said host computer.

13. (Currently amended) The system according to claim 12, wherein said ~~storing means includes~~ data protection system is configured to store said snapshot by inserting a marker ~~inserted~~ into a write log on said secondary data volume.

14. (Canceled)

15. (Canceled)

16.   (Currently amended)   The system according to claim [[15]] 12, wherein said ~~first selecting means includes selecting~~ data protection system is configured to select a scheduled snapshot.

17.   (Currently amended)   The system according to claim [[15]] 12, wherein said ~~first selecting means includes selecting~~ data protection system is configured to select an any point in time (APIT) snapshot.

18.   (Currently amended)   The system according to claim 17, wherein said data protection system is further ~~comprising:~~

~~second creating means for creating~~ configured to create a delta map spanning the time between the time of said selected APIT snapshot and a time of a second delta map, said second delta map immediately preceding said selected APIT snapshot.

19.   (Original)   The system according to claim 18, wherein said created delta map includes changes made between the time of said selected APIT snapshot and the time of said second delta map.

20.   (Currently amended)   The system according to claim 12, wherein said ~~accessing means presents~~ data protection system is configured to present said selected snapshot to a user as if said selected snapshot were said primary data volume at an earlier point in time, corresponding to the time of said selected snapshot.

21.   (Currently amended)   The system according to claim 12, wherein said data protection system is further ~~comprising:~~

~~controlling means for controlling~~ configured to control access to said selected snapshot.

22.   (Currently amended)   The system according to claim 21, wherein said ~~controlling means permits~~ data protection system is configured to permit only authorized host computers to access said selected snapshot.

23.   (New)   A computer-readable storage medium containing a set of instructions for a general purpose computer, the set of instructions comprising:

a first selecting code segment for selecting a snapshot of the primary volume to be recovered;

a second selecting code segment for selecting a location on which the snapshot is to be loaded;

a creating code segment for creating a point in time (PIT) map for the selected snapshot; and

a loading code segment for loading the selected snapshot at the selected location.

24.   (New)   The storage medium according to claim 23, wherein the set of instructions further comprises:

a second creating code segment for creating a delta map spanning the time between the time of a selected any point in time (APIT) snapshot and a time of a second delta map, the second delta map immediately preceding the selected APIT snapshot.

25.   (New)   The storage medium according to claim 23, wherein the set of instructions further comprises:

a resolving code segment for resolving a data block from the PIT map to determine which block on the secondary volume is presented as being part of the snapshot.

26. (New)   The storage medium according to claim 23, wherein the set of instructions further comprises:

an accessing code segment for accessing the snapshot via a host computer as if the snapshot was the primary volume at an earlier point in time, corresponding to the time of the selected snapshot.

27. (New)   The storage medium according to claim 23, wherein the set of instructions further comprises:

a controlling code segment for controlling access to the loaded snapshot, wherein only authorized host computers can access the loaded snapshot.